

# Brian Keane

## Environmental Data Scientist



### Personal Summary

- I am a geologist with 7 years of experience in customer support. I previously worked at sea as a hydrographic surveyor. Passionate about the study of the Earth and its processes, I have gained extensive knowledge and experience both remotely and in the field. I am skilled at conducting detailed surveys of underwater landscapes, collecting data to support various projects, and analyzing large datasets for relevant information. For the last year I have been working as a independent freelance surveyor on various projects all over Europe. My ability to work effectively in a dynamic and challenging offshore environment, combined with my strong customer focus, makes me a valuable asset to any team.



### Experience

2022-05  
- 2021-06

#### Geophysicist and Junior Hydrographer

*Green Rebel Ltd, Cork, Ireland*

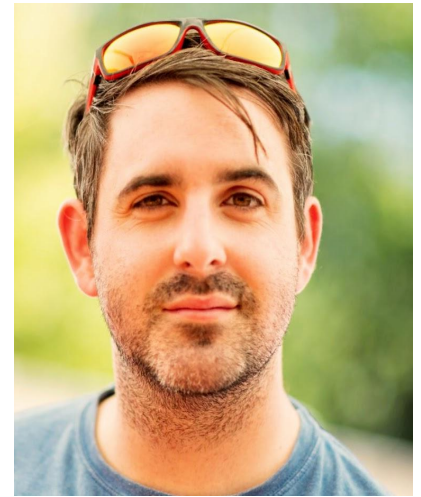
- Collaboration on large-scale project planning, navigation and efficiency at various project sites in the southern Irish Sea.
- Real-time GNSS plotting of identified seabed and subsea features.
- Data processing of Qimera's onboard operating as quality data controller achieving detailed accurate models of survey area.
- Implemented and maintained an automated database file management structure slashing file retention errors, data loss and downtime through python scripting by up to 30%.
- Design of out-of-the-box daily progress reports visualizing survey area updates, including completion time algorithms for cost analysis utilizing Excel, Power Bi and QGIS.
- Online Surveyor for data acquisition from Multi-Beam Echo Sounder (MBES), Innomar, Magnetometer, and Sidescan and Seismic Sparker.

2021-01  
- 2017-01

#### Support agent for premium services

*Telus International - Stripe, Cork, Ireland*

- Providing technical financial advice to small and medium-sized business clients in 44 countries and 152 currencies.
- Investigated financial fraud by analysing large data sets and implemented client-specific remediation processes, eliminating future vulnerabilities.
- Conducted front-end, back-end and server-side analysis of client implementation resolving any errors and bugs.
- Statistical reconciliation across multiple databases via excel and custom created dashboards.
- API support in Python, PHP, Ruby, Java, Node.js, Go and .NET.
- Training of new hires, development of existing team and cross-training in other departments.
- Managed multi-million client base relationships from onboarding to future development.
- Experience working from home and remotely.



### Contact Details

#### e-mail

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#### Telephone

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#### Address

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Maurice Chevalier, La Bocca, Cannes,  
06150

#### GitHub

<https://github.com/Bryuhn>

#### LinkedIn

<https://www.linkedin.com/in/brian-keane-814787174/>



### Skills

Data analysis  
Spatial analysis  
Machine learning  
Automation  
Cartography  
Project management  
Html  
Javascript  
Matlab  
Problem solving  
Python  
SQL  
Data visualization

2017-03  
- 2014-09

• **Senior Receptionist**

*Rose Hotel, Tralee, Ireland*

- Lead a team of receptionists in providing exceptional customer service and ensuring the smooth daily operation of the front desk.
- Maintenance and analysis of daily records to identify errors and relay KPI's to senior leadership daily.
- Manage room assignments, check-in and check-out procedures, and handle guest inquiries and complaints with a focus on guest satisfaction.
- Oversee guest record keeping, room inventory and reservations to ensure smooth logistics and efficient use of resources.
- Train and mentor junior staff on hotel policies, customer service standards and problem solving techniques to enhance their skills and professional development.
- Continually monitor and evaluate guest feedback to identify areas for improvement and implement appropriate measures to increase overall guest satisfaction.



**Education**

2021-06  
- 2009-09

• **Environmental and Earth System Sciences, with a specialization in geology, BSc (Hons)**

*University College Cork, Cork, Ireland*

- Honorary degree of first class 1.1
- Thesis: Independent coastal geologic mapping from Whitegate to Gyleen.
- Courses: advanced structural processes, sedimentary processes, geochemistry, economic geology, geophysics, advanced GIS, environmental risk assessment, practical offshore marine science, geologic mapping, geohazards, hydrogeology, statistics, mathematics, physics.

Geoscience at CCU has given me a solid foundation for understanding the history, composition, and processes of the Earth. I have developed essential skills in research, data analysis, and interdisciplinary thinking, allowing me to contribute to the field of geosciences and address the complex challenges facing our planet while also earning solid project management experience.



**Certifications**

2021-12

• **STCW - Training, Certification and Monitoring Standards**

2021-12

• **First Aid**

2021-12

• **Sea survival training**

2022-10

• **Codecademy - Data Scientist (version 2021) Career path**



**Software**

Adobe Photoshop  
Arc  
AutoCAD  
Blender  
Microsoft Office  
MySQL  
Pycharm  
QGIS  
Qimera  
Qinsy  
Power Bi  
Tableau



**Languages**

English - Native  
French - Basic



**Hobbies**

Audio books, hiking, kayaking, skiing, video games, video game design, permaculture, environmental awareness, ISU applications, Dungeons and Dragons, board games.